

SYSTEM AND METHOD FOR CONTROLLING
SERVER CHASSIS COOLING FANS

ABSTRACT OF THE DISCLOSURE

A system and method for controlling server chassis cooling fans includes monitoring operating temperatures associated with each of a plurality of temperature sensors. The temperature sensors may be coupled with a plurality of respective server processing cards. In accordance with a particular embodiment of the present invention, the operating speed of each of a plurality of server chassis cooling fans coupled with a server chassis is increased, in response to an operating temperature exceeding a predetermined maximum operating temperature measured at any one of the plurality of temperature sensors. In accordance with another embodiment of the present invention, the operating speed of each of the plurality of server chassis cooling fans is decreased in response to an operating temperature below a predetermined minimum operating temperature measured at each of the plurality of temperature sensors. In still another embodiment, a fan shutdown timer is activated for a predetermined time period at each of the plurality of server processing cards having an operating temperature below the predetermined maximum operating temperature.